The Natural Resource & GIS Data Store
http://science.nature.nps.gov/nrdata
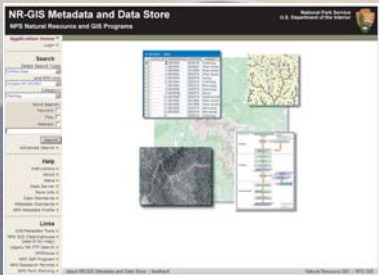## NPS Natural Resource & GIS Program

What is the Data Store?

The Natural Resource & GIS Data Store (Data Store) application manages and shares natural resource and GIS data generated by the National Park Service (NPS). The Data Store is a web-based repository that provides integrated management and searching capabilities for metadata and data distribution to NPS and public users.

What types of data are available on the Data Store?

The Data Store is the main NPS repository for natural resource and GIS data sets. This includes base cartographic data, park boundaries, fire GIS data sets, remotely sensed data, natural resource databases, database table standards, GIS layer standards, and images.

NPS partners posting data to the Data Store include:
Natural Resource Inventory and Monitoring Program
GIS Division
Lands Division
Fire Program
Natural Sounds Program
NPS Focus

How do I find data on the Data Store?

The Data Store search interface allows the user to specify search criteria such as search type, NPS Unit(s), theme category, and keywords. Online data can be downloaded directly from the search results list, or users can click on a record in the results list to examine a detailed view of the metadata and download data.

How does data get created and posted to the Data Store?

Data producers in NPS park, network, region and program offices develop data sets and corresponding metadata. The data sets are posted to the Data Store for discovery by NPS and public data consumers. The Data Store integrates with the NPS Metadata Tools & Editor (see next panel) to ease metadata creation and distribution, allowing for the inclusion of NPS-specific metadata elements.

How does the Data Store share metadata and data?

The Data Store delivers data back to partner websites utilizing web services and allowing the distribution of data to consumers using their own web applications. The Data Store also automatically posts metadata for spatial data sets to national clearinghouses such as the Federal Geospatial One-Stop (geodata.gov), meeting both NPS and federal data distribution mandates.

http://www1.nature.nps.gov/im/units/netn/data/data.cfm

http://gos2.geodata.gov/wps/portal/gos

Partner Website

National Clearinghouse

What are the future plans for the Data Store?

Development on the Data Store is currently focused on migrating to the .NET platform. This will allow tighter integration with the NPS Metadata Tools & Editor and data transactions using secure web services. Other plans include extending batch record processing for data providers, reporting functionality, improved search capabilities and a redesigned application interface.

Great Sand Dunes National Park & Preserve
Photo courtesy Philip Greenspun

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Visit the Data Store at:
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